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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,308	05/18/2005	Yoshiyuki Nezu	271369US6PCT	3701
22850 7590 11/24/2010 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, L.L.P. 1940 DUKE STREET ALEXANDRIA, VA 22314				
EXAMINER KHATIB, RAMI				
ART UNIT 3663		PAPER NUMBER		
NOTIFICATION DATE 11/24/2010		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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### Office Action Summary

**Application No.**

10/535,308

**Applicant(s)**

NEZU ET AL.

**Examiner**

RAMI KHATIB

**Art Unit**

3663

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 October 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 2, 5, 12 and 15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 5, 12 and 15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/GS/US)  
Paper No(s)/Mail Date \_\_\_\_\_

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. This office action is in response to amendments and arguments received on 10/19/2010. Claims 1 and 12 have been amended. Claims 3-4, 6-11, 13-14 have already been cancelled, and No Claims have been added.

Claims 1-2, 5, 12, 15 are now pending.

***Response to Arguments***

2. Applicant's arguments with respect to claims 1 and 12 have been considered but are moot in view of the new ground(s) of rejection. The new ground of rejection is detailed below.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1, 2, 5, 12 and 15 rejected under 35 U.S.C. 103(a) as being unpatentable over Moteki et al US 6,243,645 B1 (hence Moteki'645) in view of Schneider et al US 2003/0192049 A1 (hence Shneider'049) and further in view of Wako US 6,484,094 B1 (hence Wako'094).

6. In re claim 1, Moteki'645 discloses the claimed invention including:

- a display (Fig.1, #11) configured to switch, when displaying said map, the display of said map to a display of video content, when a source operator for switching said sources is operated (remote 20, button 22); to sequentially and cyclically switch, when displaying said video content, between playback target sources of said plurality of sources, when said source operator is operated (remote 20, button 22); to switch, when displaying said video content, the display of said video content to the display of said map, when a map operator for instructing displaying of said map is operated (remote 20, button 27); and to switch, when displaying said map, the display of said map to the display of said video content, when said map operator is operated (remote 20, button 27, and Fig.6-9)
- a setting unit configured to set one of a plurality of sizes of a region for displaying said map or one of a plurality of sizes of a region for displaying said video content in a dual screen display, and to accept a size from said plurality of sizes of the region for displaying said video content for each of

said sources (remote 22 and buttons 25 and 26), wherein the display is configured to form said dual screen display based on a setting corresponding to each source (remote 22 and buttons 25 and 26) and Fig.6-9

For a discussion of the figures please see: col. 6, lines 21-42 for Fig.1; col. 10, lines 20-51 for Fig.6; col. 10, line 52 through col. 11, line 4 for Fig.7; col. 11 lines 5-29 for Fig.8; and col. 11 lines 30-65 for Fig.9

7. However, Moteki'645 doesn't explicitly disclose the following:
  - a first display bar is displayed on the display and includes information about said map and a second display bar is displayed on the display and includes information about said video content
  - the first display bar and the second display bar are displayed along an entire lower edge and an upper edge of the display, respectively or the first display bar and the second display bar are displayed along the entire upper edge and the lower edge of the display, respectively
8. Nevertheless, Shneider'049 discloses a binding interactive multichannel digital document system and teaches the following:
  - a first display bar is displayed on the display and includes information about said map (Paragraphs 0017, 0064-0065, 0067) and a second display bar is displayed on the display and includes information about said video content (Paragraphs 0057, 0059, 0062)

- the first display bar and the second display bar are displayed along lower edge and an upper edge of the display, respectively or the first display bar and the second display bar are displayed along upper edge and the lower edge of the display, respectively (Paragraph 0042 "placement of the content channels and supplementary channels may vary according to the desire of the author of the interface")

9. Nevertheless, Wako'094 discloses a display method and apparatus for navigation system and teaches the following:

- along an entire lower edge and upper edge (Fig.1B)

10. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified the Moteki'645 reference with the supplementary channels that could be placed anywhere on the display, as taught by Shneider'049, in order to display information regarding the selected channel (Shneider'049, Paragraph 0062). Furthermore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified the combination of Moteki'645 and Shneider'049 with the information boxes displayed along the entire upper and lower edge of the display, as taught by Wako'094, in order to make the information provided to the operator more visible.

All the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded predictable results to one of ordinary skill in the art at the time the invention was made.

11. In re claim 2, Moteki'645 teaches the following:
  - the display of said map, the display of said video content and said dual screen display in which the display of said map and the display of said video content are arranged and sequentially and cyclically switched by an operation of a display switching operator (col. 6, lines 21-42 for Fig.1; col. 10, lines 20-51 for Fig.6; col. 10, line 52 through col. 11, line 4 for Fig.7; col. 11 lines 5-29 for Fig.8; and col. 11 lines 30-65 for Fig.9)
12. In re claim 5, Moteki'645 teaches the following:
  - a recording unit configured to record, whether or not an immediately preceding display was said dual screen display, the immediately preceding display for each of said sources (Col.8, Lines 31-50)
13. In re claim 12, the combination of Moteki'645 in view of Shneider'049 and Wako'094 discloses the claimed invention as discussed above in claims 1 and 2.
14. In re claim 15, Shneider'049 discloses the following:
  - the second display bar corresponds to a touch screen, that when touched, generates at least one control command to control the video content (Paragraph 0062, 0077, and 0102)

### ***Conclusion***

15. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RAMI KHATIB whose telephone number is (571)270-1165. The examiner can normally be reached on Monday-Friday/8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on (571) 272-6878. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/R. K./  
Examiner, Art Unit 3663

/JACK KEITH/  
Supervisory Patent Examiner, Art Unit 3663